May 15, 1923.

J. E. ROBISON

1,455,549

AUTOMOBILE BODY ATTACHING TOOL HOLDING CASE

Filed Aug. 2, 1921

2 Sheets-Sheet 1

Fig. 1.

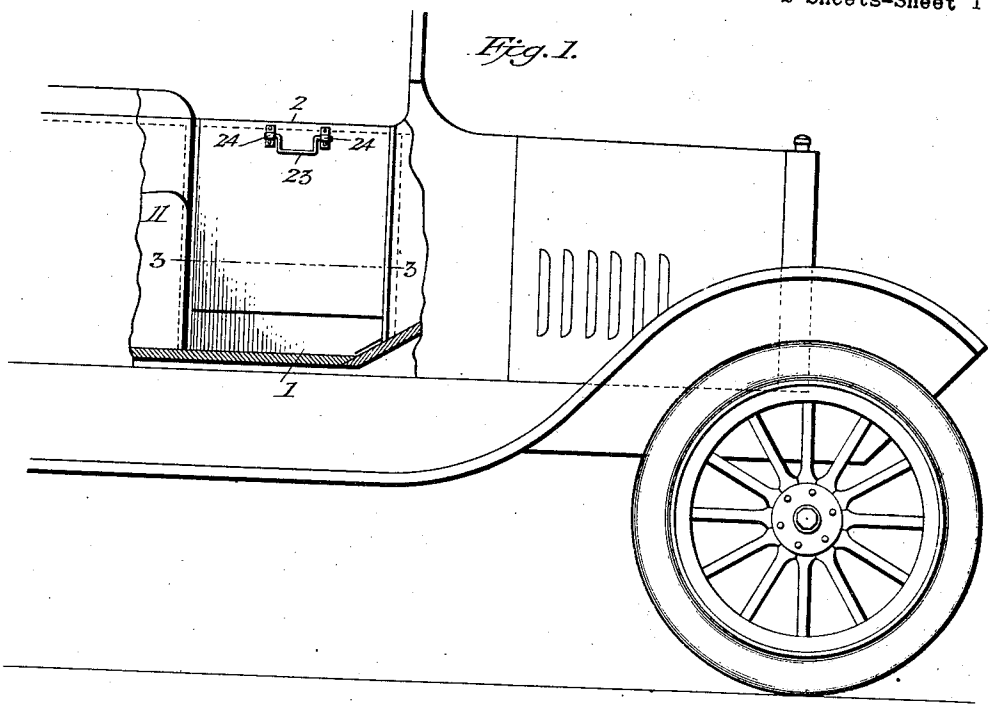


Fig. 2.

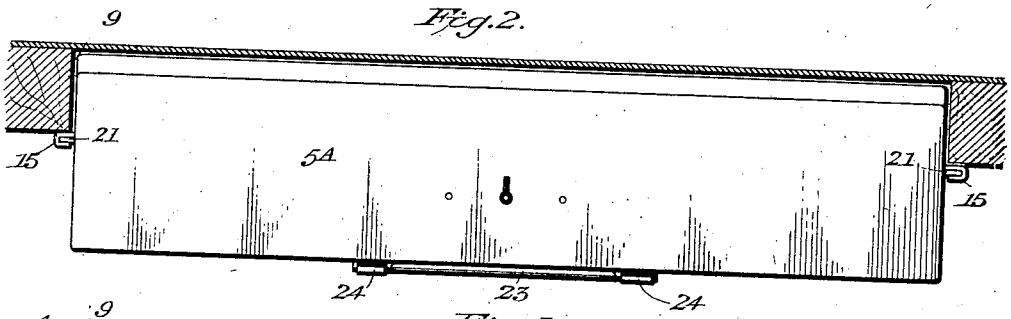


Fig. 3.

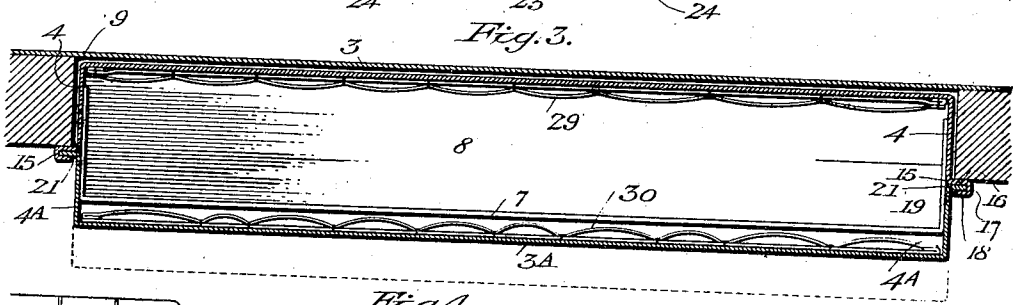
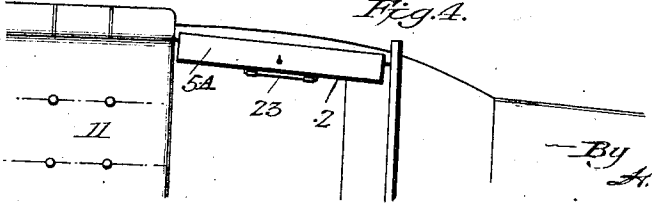


Fig. 4.



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By H. S. Bailey Attorney.

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2 Sheets-Sheet 2

Fig. 5.

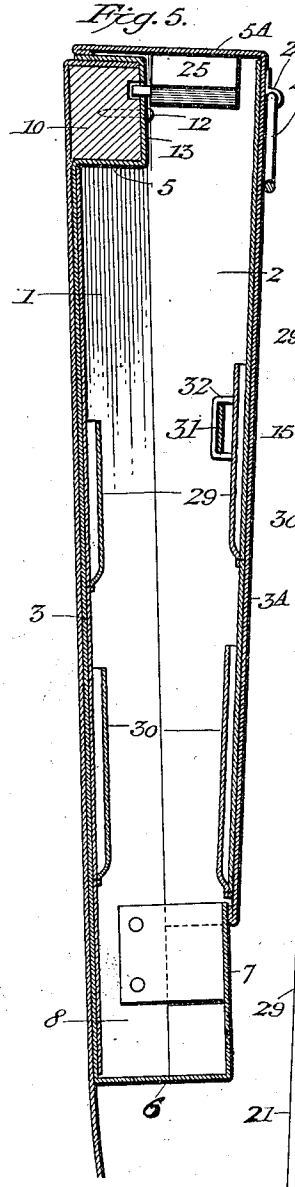


Fig. 6.

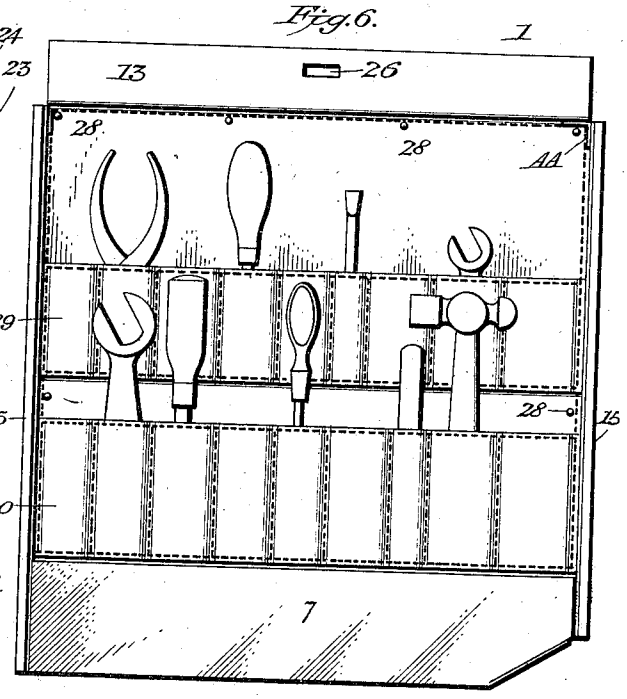
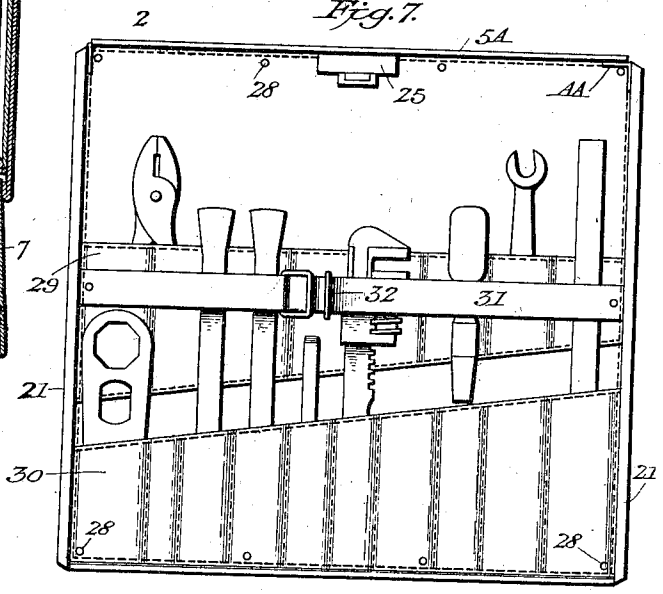


Fig. 7.



Inventor:

James E. Robison

By H. S. Bailey Attorney.

Patented May 15, 1923. 1,455,549

UNITED STATES PATENT OFFICE.

JAMES E. ROBISON, OF DENVER, COLORADO.

AUTOMOBILE BODY ATTACHING TOOL-HOLDING CASE.

Application filed August 2, 1921. Serial No. 489,179.

To all whom it may concern:

Be it known that I, JAMES E. ROBISON, a citizen of the United States of America, residing at the city and county of Denver and State of Colorado, have invented new and useful Automobile Body Attaching Tool-Holding Cases, of which the following is a specification.

My invention relates to an automobile body attaching tool holding case, and the objects of my invention are:

First. To provide a tool holding case that is adapted to be attached to the bodies of automobiles and that will hold a large assortment of hand operating tools such as are used in changing parts of and in repairing automobiles.

Second. To provide a double or two-part tool holding case, the two parts of which are arranged to slidably engage each other to form an enclosed tool holding case, and one part of which is arranged to be secured to the inside surface of the left hand side of the body of Ford cars.

Third. To provide a simple, compact and readily accessible and fully enclosed tool holding case, when not in use, for Ford automobiles, that is adapted to be secured against the inside surface of the left hand side of the frame or body of Ford cars adjacent to their steering wheels, and in which the two parts of the tool case hold and carry tools independently of each other.

I attain these objects by the mechanism illustrated in the accompanying drawings, in which:

Figure 1 is a side view, partly broken away, of the forward part of an automobile, showing the application of the improved two-part tool holding case thereto.

Fig. 2 is a plan view of the tool holding case, showing the manner of its connection to the side of a car.

Fig. 3 is a horizontal sectional view on the line 3—3 of Fig. 1.

Fig. 4 is a plan view of a portion of the car shown in Fig. 1, the tool case being shown in connection therewith.

Fig. 5 is a vertical sectional view of the tool case.

Fig. 6 is an inside front view of the part of the tool case which is secured to the side of the car, showing the manner of supporting various tools therein; and

Fig. 7 is an inside front view of the other member of the tool case, also showing different kinds of tools supported therein.

Similar letters of reference refer to similar parts throughout the several views:

Referring to the drawings:

The numeral 1, designates one-half part of a pair of slidably connected tool holding cases, and 2 designates the other half part, which are made of any suitable metal, preferably thin sheet iron. Both of these half parts of my repair tool holding case comprise tray-like receptacles, and the part 1, has a rear or back side plate 3; and the part 2, has a front side plate 3^A, and both the rear and front plates 3 and 3^A, have side edge plates 4 and 4^A, and top end plates 5 and 5^A, the meeting corners of which are secured together by angled clips AA, of my tool holding case.

The part 1, has a lower end plate 6, that is bent upwardly, and is continued upwardly by an outside plate portion 7, a short distance, that is positioned at a sufficient distance from its rear side 3, to form a trough-shaped space 8, between the side 7, and its rear side or back portion 3.

The entire half part 1, of my two-part tool holding case sets inside of the outwardly extending recess 9, that is formed in the left hand side of the bodies of Ford cars, that is formed under the top bar 10, of the body and the front edge of the seat 11, and that extends to the inside of the cowl, and the rear or back part 3, of the part 1, is placed against the inside surface of this recess and is permanently secured there by screws 12, that are inserted through an upwardly bent strip 13, of the top end plate 5, which is bent to fit around the bar 10, of the side of the automobile body. This manner of securing the part 1, to the inside surface of the body of the car is illustrated in Figures 2 and 3, and also in Figure 5, and in the latter figure I show the strip 13, bent back, over and down against and secured to the top edge of the car. The part 1, of my double compartment tool holder sets under the top bar 10, of the car in the recess 9, against the inside surface of the frame, and its lower edge extends close to the floor of the car, and it stands in a fixed and substantially vertical position on the inside of the body or frame of the car, and a part of the lower forward bottom corner portion B, is inclined, as shown, to rest upon the corre-

spondingly inclined portion that occurs in the floor of Ford cars. My invention contemplates any other means of securing the lower end of the tool holder against the body of the car.

The opposite edges of the stationary part 1, of my tool telescoping compartment tool case are each provided with a guideway 15, which preferably are formed by bending their edges first outwardly in portions 16, and then curving them by curves 17, around over the outward extending part by portions 18, and arranging the parts 16 and 18, at a sufficient distance apart to form a guideway space 19, between them. These guideways are arranged parallel to each other, and at the same distance from the rear plate 3, of the part 1, of the tool case, the opposite side edges being made preferably about one inch and a quarter deep, while the outside plate of the trough extends outwardly beyond these guideways about an inch; thus forming a trough space of about two and a half inches wide, and preferably about three inches deep at the bottom of the inner fixed part of the tool case, while the width of the case is preferably about sixteen inches and its length is preferably the same, and the inside depth of the two parts is about three inches.

My invention contemplates slidably connecting two-part or two independent compartment tool cases of any size or depth. These approximate sizes are given, however, to show that the tool case, as illustrated and described, has a very large tool carrying capacity.

The guideways 19, are placed even with the outside edge of the upper end plate 5, of the part 1, of the tool case, so that the slideways 21, of the telescoping part 2, of the tool case that are formed on the edges of the opposite side edge plates 4^A, will easily enter them. These slideways 21, are made to slide freely down into and upwardly out of the guideways of the rear part 1, of the tool case.

This outside half part of my independent two-part or compartment tool holding case is somewhat similar in construction and size to the rear fixed half part of it. Its slideways are formed at the edges of its side edges 4^A, and while these slideways may be constructed on the edges of the sides 4^A, I preferably form them by bending a strip 21, of each side edge outwardly on each edge, of a width to fit loosely but snugly in the guideways of the rear fixed part of the tool case.

This outer part of the tool box does not have any lower enclosing end portion, but the lower terminal edge fits down over the outside of the trough close to its outside plate 7, while at its upper end its top end plate 5^A, is made wide enough to extend overlappingly over the upper end of the rear fixed part of the tool case, and it is arranged to be pushed down and rest on the top edge 10, of the body of the car; and adjacent to the upper edge of its outside plate 3^A, a hand grasping loop 23, is hinged in eyelets 24, that are secured to the plate 3^A.

The underside of the upper end plate 5^A, of the part 2 of my tool case is provided with a key operating lock 25, the plunger of which enters a slot 26, formed in the upwardly projecting edge 13, of the upper end plate 5.

Each of the two parts or compartments of my tool holding case is independent of the other in its arrangement for supporting hand operating tools of different kinds generally used for replacing new parts and also for general repair work on automobiles.

My invention contemplates any means for carrying out this feature of my invention. I preferably, however, employ in each half part of my tool case a sheet of canvas or other suitable fabric, which is made of the full inside size of both half parts of the tool case and is laid flat against the inside surfaces of the rear plate of the fixed part 1, of the tool case and against the inside surface of the front plate of the part 2, of the tool case, and secure these sheets of fabric at their edges in a fixed or in a renewable manner, as desired, by any suitable means, such as by rivets 28, and transversely across the front surface of each sheet of fabric, I form two continuous rows of pockets 29 and 30, all of which pockets are of a size to receive and support a hand working tool, as shown in Figures 6 and 7; and the pockets may be made of different widths, and those of the lower row are preferably made longer than those of the upper row 29.

The rows of tool receiving and holding pockets are separated from each other by a short space, so that the tops of the tools in the lower row will not overlap the tools in the upper row of pockets.

A strap 31, extends across the case 2, and is secured at its ends to the back of the case by rivets. This strap passes through a U-shaped keeper 32, which is secured to the back of the case midway of its width and holds the strap against excessive outward movement. The strap is intended to confine the upper ends of long tools which are inserted in the lower pockets 30, so as to prevent their sagging outward, as will be understood by reference to Fig. 7. The trough or receptacle 8, is intended to hold the tire repair outfit, as well as nuts, bolts, screws, etc.

The operation of my telescoping two-part tool holding case is as follows: Its rear half part 3, is secured to the inside surface of the left hand side of the body of Ford cars and such other automobiles as it can

be attached to between this side of the body of the car and the steering wheel, and then its pockets are provided with a different assortment of tools. Then the outside telescoping half part of the tool case, having first been provided with a different lot of tools from those in the first half part, is inserted in the guideway of the fixed half part, and this outside half part of the double compartment tool case is pushed down into them until its top plate rests down on top of the upper edge of the fixed half part of the tool case or on the top edge of the body of the car.

Both of the two half parts of my two or double compartment tool case are slidably connected together and can be locked together, and when it is desired to use any one or more of the tools in them, the outside part is lifted out of the guideways of the first part, and the operator has a large number of individually held tools of different kinds at his disposal, each of which is separated from the others, and they are all arranged in a convenient grasping and removing manner in the supporting pockets, and after one or more tools are used, they are returned to the pocket and the slide slips 21 of the outer half part are slid into the guideways of the fixed part, and the two can be locked together if desired.

My invention also contemplates the use of my double compartment tool holding case as a portable case for and on automobiles on which it is not convenient to attach its rear half part, in which case it can be carried at any convenient part of the automobile.

My invention provides a very compact tool holding case of large capacity for automobiles, and especially for Ford automobiles, in which it fits into a space that receives so much of it as to prevent it in the least being in the way of the driver of the car, and its two half parts hold all of the different tools that are used for changing tires and other parts and for making such repairs as can be made by hand tools. It is practically water-proof to falling rain, and it is practically dust proof. It can be quickly opened and closed, and it will last as long as the car does, and makes a useful and integrally attached feature of it, and while I have illustrated and described my two compartment tool holding case, I do not wish to be limited to the construction and arrangement shown and described, as changes may be made without departing from the spirit of my invention.

Having described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A tool holding case containing two independent tool holding compartments, one of which is adapted to be secured to the left hand part of the body of a Ford car adjacent to its steering wheel, each of said compartments being arranged and adapted to receive and hold a variety of different kinds of hand operating tools in separated portions from each other, and means including slides and slideways on the respective compartments, whereby they may be quickly connected one with the other or as quickly separated.

2. In a double compartment tool holding case, the combination with the body of an automobile having a recess in its frame, said double compartment having one half part arranged to fit into and be secured in said recess, the other part having a slidable connection with the fixed part, whereby it can be quickly attached to or detached from the same, each of said double compartments being provided with means for holding different tools in an individualized manner and separated from each other.

3. In a double compartment tool holding case, the combination with the body of an automobile having a recess in its frame, said double compartment having one half part arranged to fit into and be secured in said recess, the other part having a slidable connection with the fixed part, whereby it can be quickly attached to or detached from the same, each of said double compartments being provided with means for holding different tools in an individualized manner and separated from each other, said means for connecting the two parts of said double compartment together comprising cooperating slidably connected members formed on them, and means including a handle for lifting the outer half part out of the part that is attached to the automobile.

4. In a double compartment tool holding case, the combination with the body of an automobile having a recess in its frame, said double compartment having one half part arranged to fit into and be secured in said recess, the other part being slidably connected to the fixed part and detachable therefrom, each of said double compartments being provided with means for holding different tools in an individualized manner and separated from each other, said means for connecting the two parts of said double compartment together comprising cooperating slidably connected members formed on them, and means including a handle for lifting the outer half part out of the part that is attached to the automobile, said means for holding tools separated from each other comprising a sheet of fabric secured to the back of said compartments, and provided with pockets arranged to receive and hold tools in such an upright position as to be easily and quickly grasped by the hand of an operator.

5. In a double compartment tool holding

case, the combination with the body of an automobile having a recess in its frame, said double compartment having one half part arranged to fit into and be secured in said recess, the other part being slidably connected to the fixed part and detachable therefrom, each of said double compartments being provided with means for holding different tools in an individualized manner and separated from each other, said means for connecting the two parts of said double compartment together comprising cooperating slidably connected members formed on them, and means including a handle for lifting the outer half part from the part that is attached to the automobile, said means for holding tools separated from each other comprising a sheet of fabric secured to the back of said compartments, and provided with pockets arranged to receive and hold tools in such an upright position as to be easily and quickly grasped by the hand of an operator, each of said compartments comprising metal tray-like halves of a closable case, having rear and front plates, side and end plates, of depth enough to enclose the tools, means for securing meeting corners of said plates together, means including guideways in one half part and slideways in the other half part, for slidably connecting said compartments together, and means including a locking mechanism for locking the parts of said double compartment tool holding case together.

6. In a device of the character described, the combination with the side portion of an automobile, of an open front case secured to said side portion, having guideways along its vertical side edges, its lower end forming a receptacle, an open front case having vertical strips which fit slidably in said slideways and a top member which extends over and rests upon the top of the first case, fabric sheets secured against the back plates of said cases, fabric pockets secured to said sheets, and a lock connection between said cases.

7. The combination with the side bar of an automobile body, of an open front case, the back of which is formed at its upper end with a U-shaped bend which fits around and is secured to said side bar, an open front case detachably secured to the first case, thereby forming an enclosed casing; a lock for securing said casings in closed relation, fabric tool-holding pockets in said casings, the lower end of the first case being bent upon itself to form a receptacle.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES E. ROBISON.

Witnesses:

G. SARGENT ELLIOTT,

ELIZABETH SMITH.